

Rethick Raj Anthony

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TECHNICAL SKILLS

Languages : JavaScript, HTML, CSS, Java, C, Python
Database : MySQL, MongoDB, Excel
Libraries : Selenium, Numpy, Pandas, Matplotlib
Web Libraries : ReactJS, Redux, NodeJS, ExpressJS, Bootstrap, Tailwind, API, REST, TypeScript
Soft Skills : Adaptability, Interpersonal Skills, Decision Making, Critical Thinking

EDUCATION

Dayananda Sagar College of Engineering <i>Bachelor of Engineering in Information Science and Engineering</i>	7.86 CGPA Aug 2019 - Jun 2023
De Nobili School <i>Higher Secondary School</i>	54% Jul 2016 - Mar 2019
De Nobili School <i>Secondary School</i>	7.4 CGPA Apr 2005 - Mar 2016

WORK EXPERIENCE

Technofly Solutions

Front-end Developer

Sep 2023 - Nov 2023

- Developed the frontend for a **parcel tracking website**, creating a user-friendly interface for real-time package tracking.
- Implemented responsive design using **HTML, CSS, and JavaScript**, ensuring a **seamless experience across devices**.
- Collaborated with the backend team to integrate frontend functionalities with **external APIs** for up-to-date tracking information.
- Conducted thorough **testing and debugging** to deliver a robust and error-free frontend.
- Optimized** frontend performance, resulting in **improved** page load times and overall user experience.

PROJECTS

Missing Object Alert

Python, Jupyter Notebook

- Developed a scalable IoT solution for theft detection using **IOT devices** and **AI**.
- Integrated sensors for **object detection** and wireless communication to relay data to a **central server**.
- Integrated **alerting mechanisms**, including email and mobile notifications, to promptly notify the owner in case of missing objects.
- Utilized **machine learning algorithms** to enhance Facial recognition **accuracy by 84%** and identify the intruder.

Amazon Website Clone

HTML, CSS

- Developed a replica of the Amazon website using **HTML and CSS**.
- Implemented key features including **navigation menus, product listings**.
- Sole developer** responsible for the entire project from conception to completion.
- View project on [GitHub] (<https://github.com/Xicor123/Amazon-Website-Clone-Frontend-.git>)

- Utilized deep learning frameworks, such as **TensorFlow**, to develop a **Convolutional Neural Network** (CNN) for facial expression recognition.
- Curated and pre-processed diverse facial expression datasets to train the model, ensuring **robustness** across different demographics and expressions.
- Implemented **real-time facial expression** analysis using computer vision techniques, achieving **low-latency** response for interactive application which had the **accuracy of 82%**.
- Integrated the facial expression recognition system into a **user interface**, allowing seamless interaction and providing valuable emotional insights.
- View Project On [GitHub] (<https://github.com/Xicor123/Face-Expression-Detection-Using-CNN.git>)

INTERESTS

- **Music**
- **Gaming**
- **Game Development**
- **Video Editing**